

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES RECONSTRUCTION OF EXISTING TRAFFIC SIGNAL AT THE INTERSECTION OF MD 124 (WOODFIELD ROAD) AT AIRPARK ROAD IN MONTGOMERY COUNTY. MD 124 IS ASSUMED TO RUN IN A NORTH SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION WILL OPERATE IN A SEMI-ACTUATED MODE USING EIGHT NEMA PHASES. AN EXCLUSIVE LEFT TURN WILL BE PROVIDED FOR NORTHBOUND AND SOUTHBOUND MD 124. AN EXCLUSIVE LEFT TURN WILL BE PROVIDED FOR EASTBOUND AND WESTBOUND AIRPARK ROAD. A RIGHT TURN OVERLAP PHASE WILL BE PROVIDED ON WESTBOUND AIRPARK ROAD.

PEDESTRIAN OPERATION

NAVIGATOR AUDIBLE PEDESTRIAN PUSHBUTTON MOVEMENTS TO CROSS THE EAST, WEST NORTH AND SOUTH LEGS OF THE INTERSECTION ARE TO BE PROVIDED. WHEN THE PEDESTRIAN LOCATES AND PRESSES THE PUSH BUTTON FOR AN EXTENDED TIME, THE PUSH BUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:  
NORTH/SOUTH: "WAIT TO CROSS WOODFIELD AT AIRPARK." CROSSWALK ANGLES LEFT.  
EAST: "WAIT TO CROSS AIRPARK AT WOODFIELD." CROSSWALK ANGLES SLIGHTLY RIGHT.  
WEST: "WAIT TO CROSS AIRPARK AT WOODFIELD." CROSSWALK ANGLES RIGHT.

SPECIAL NOTES

1. THE FOLLOWING CONTACT PERSONS FOR THIS PROJECT ARE AS FOLLOWS:

PROJECT CONTACTS:

MR. JEFFREY WENTZ, ASSISTANT DISTRICT ENGINEER - TRAFFIC  
PHONE: (301) 513-7358  
MR. DUANE BERNDARD, ASSISTANT DISTRICT ENGINEER - CONSTRUCTION  
PHONE: (301) 513-7336  
MR. WAYNE A. MOWDY, ASSISTANT DISTRICT ENGINEER - MAINTENANCE  
PHONE: (301) 513-7304  
MR. AUGIE REBISH, UTILITY ENGINEER  
PHONE: (301) 513-7350  
MR. ROBERT SNYDER, SR. CHIEF TRAFFIC OPERATIONS DIVISION  
PHONE: (410) 787-7630

MR. KAMAL HAMUD  
MONTGOMERY COUNTY  
240-777-8761

MR. STEVE CUSTER  
PEPCO CUSTOMER DESIGN  
201 W. GUIDE DR.  
ROCKVILLE, MD 20850  
PHONE: (301) 548-4333

2. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING THE FOLLOWING STANDARD PLATES FOR TRAFFIC CONTROL: 104.00 - 30, 104.12 - 01, 104.13 - 01, 104.31 - 01, 104.32 - 01, 104.81- 02

EQUIPMENT LIST

- A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

CATEGORY	DESCRIPTION	UNITS	QUANTITY
CODE NO.	NONE		

- B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

CATEGORY	DESCRIPTION	UNITS	QUANTITY
CODE NO.			
120500	MAINTENANCE OF TRAFFIC	LS	1
585452	24 INCH WHITE PERMANENT PREFORMED PAVEMENT MARKINGS	LF	35
800000	RELOCATE VIDEO DETECTION CAMERA	EA	3
813006	RELOCATE OVERHEAD SIGN	EA	5
860265	RELOCATE EXISTING SIGNAL HEAD	EA	7

WIRING DIAGRAM

SAME AS PREVIOUS PHASE

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15a	16	17	18	19	20	21	22	23	24	25	26	27
PHASE 1 AND 5																												
1 AND 5 CHANGE	THE CONTROLLER MAY SKIP TO PHASES 1 AND 6 OR 2 AND 5 OR 2 AND 6																											
PHASE 1 AND 6																												
PHASE 1 CHANGE																												
PHASE 2 AND 5																												
PHASE 2 CHANGE																												
PHASE 2 AND 6																												
PED CLEARANCE																												
2 AND 6 CHANGE																												
PHASE 3 AND 7																												
3 AND 7 CHANGE	THE CONTROLLER MAY SKIP TO PHASES 3 AND 8 OR 4 AND 7 OR 4 AND 8																											
PHASE 3 AND 8																												
PHASE 3 CHANGE																												
PHASE 4 AND 7																												
PHASE 7 CHANGE																												
PHASE 4 AND 8																												
4 AND 8 CHANGE																												
PHASE 4 AND 8 ALT																												
PED CLEARANCE																												
4 AND 8 ALT CHANGE																												
FLASHING OPERATION																												

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**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 124 (WOODFIELD ROAD) AND AIRPARK ROAD  
STAGE IV  
**GENERAL INFORMATION SHEET**  
SCALE 1" = 20' DATE NA CONTRACT NO. M06328171  
DESIGNED BY AH COUNTY MONTGOMERY  
DRAWN BY AF LOGMILE 15012407.73  
CHECKED BY JFL TMS NO. H079  
FAP NO. AC-STP-1103(8)E TOD NO. AT288-73  
TS NO. 2248-E DRAWING SP-10 OF 39 SHEET NO. 268 OF 377